

**Amendments to the Drawings:**

The attached sheets of drawings include changes to Figs. 1, 2, 4, and 5. These sheets, which includes Fig. 1-5, replace the original sheets including Figs. 1-5. In Figs. 1, 2, 4, and 5, the previously omitted “excitation circuit” has been added. No new matter has been added by way of these amendments. Support for these amendments may be found in ¶16 and ¶25 of the specification.

Attachment: Replacement Sheets

## REMARKS

Claims 6-10 remain pending in this application. Claim 6 is hereby amended. No new matter has been added.

The Specification was objected to for failing to state the relationship between this application and a related PCT application. Appropriate correction has been made.

The drawings were objected to for failing to show the "excitation circuit." Appropriate correction has been made. No new matter has been added by way of these amendments. Support for these amendments may be found in ¶16 and ¶25 of the specification.

Claim 6 was objected to for a typographical error on the word "supply." Appropriate correction has been made.

Claim 6 was also objected to under 35 U.S.C. §112, ¶2 as being indefinite when using the term "their." Appropriate correction has been made.

Claims 6, the only independent claim, was rejected under 35 U.S.C. §102 (b) as being anticipated by *Kane* (US Patent 6,639,555). Applicant respectfully traverses this rejection. Specifically, the Office action asserts that the claimed "excitation circuit" is taught by *Kane* as element 1655 of Fig. 16. A close reading of *Kane* reveals this to be false. Element 1655 of Fig. 16 is a "common component 1655 such as a divider, mixer, circulator, or switch," not an excitation circuit as claimed (*Kane* col. 14, ll. 1-13). Therefore, independent claim 6 distinguishes over the cited prior art. Likewise, dependent claims 7-10 also distinguish over the cited prior art based on their dependency from independent claim 6.

In light of the above, the Applicants submit that all the claims are now in condition for allowance. Accordingly, issuance of a Notice of Allowance is respectfully requested. If any fees are due in connection with this application as a whole, the Examiner is authorized to deduct such fees from deposit account no. 02-1818. If such a deduction is made, please indicate the attorney docket number (119065-32) on the account statement.

Respectfully submitted,  
BELL, BOYD & LLOYD LLC

BY 

Appl. No: 10/539,665  
Response to Office Action dated October 29, 2007

James F. Goedken  
Reg. No. 44,715  
Customer No.: 29177  
Phone: (312) 807-4208

Dated: April 29, 2008